ABSTRACT

Disclosed are systems and methods which provide a centralized architecture for call processing. Embodiments utilize voice over Internet protocols (VoIP) to carry calls from a location at which calling services are provided to a centralized call processing platform providing call processing functionality, such as calling party identification, call validation, call routing, and connection to the public switched telephone network (PSTN). Call processing gateways may be utilized to provide plain old telephone service (POTS) analog line interfaces for use with a plurality of telephone sets disposed for use at a location and at least one wide area network (WAN) interface for providing high speed data communication to a centralized call processing platform. PSTN interfacing by a call processing platform may be provided as a VoIP connection to the PSTN and/or as POTS trunking. Call processing platforms may provide for data sharing, aggregation, and/or analysis across multiple facilities served.